<u>RESPONSE UNDER 37 C.F.R. \$1,116</u> <u>EXPEDITED RESPONSE</u> EXAMINING GROUP ART UNIT 1631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dean Engelhardt et al.

NOV 0 9 2005

Serial No.: 08/486,069) Group Art Unit: 1631

Filed: June 7, 1995) Primary Ex'r: John S. Brusca

FOI: NUCLEIC ACID SEQUENCING PROCESSES

USING NON-RADIOACTIVE MODIFIED

NUCLEOTIDES OR NUCLEOTIDE ANALOGS

AND OTHER PROCESSES FOR NUCLEIC ACID

DETECTION AND CHROMOSOMAL

CHARACTERIZATION USING SUCH NONRADIOACTIVE DETECTABLE MODIFIED

NUCLEOTIDES OR NUCLEOTID ANALOGS

527 Madison Avenue, 9th Fl. New York, NY 10022-4304 November 9, 2005

FILED BY FACSIMILE TRANSMISSION

TO: 571-273-8300

Mail Stop -- Amendment

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL AMENDMENT TO APPLICANTS' JULY 7, 2005 AMENDMENT UNDER 37 C.F.R. §1.116 (FOLLOWING THE OCTOBER 18, 2005 OFFICE COMMUNICATION)

Sir:

This paper (Second Supplemental Amendment To Applicants' July 7, 2005 Amendment Under 37 C.F.R. §1.116) follows the Office Communication that was mailed on October 18, 2005 in connection with the above-identified application. A response to the May 25, 2005 Office Action was originally due by August 25, 2005. A Request For Extension Of Time (One Month) and authorization for the fee therefor was filed concurrently with Applicants' September 19, 2005 Supplemental Amendment. This paper is accompanied by a Request For Extension Of Time (Additional Two Months), thereby extending the deadline to November 25, 2005. Accordingly, this paper (Supplemental Amendment) is being timely filed.

Enz-5(D8)(C2)

Dean L. Engelhardt et al., Serial No.: 08/486,069 (Filed: June 7, 1995)

Page 2 [Second Supplemental Amendment To Applicants' July 7, 2005 Amendment

Under 37 C.F.R. §1.116 (Following The October 18, 2005 Office Communication)

- November 9, 2005]

CERTIFICATE OF TRANSMISSION

I hereby certify that this paper (Second Supplemental Amendment To Applicants' July 7, 2005 Amendment Under 37 C.F.R. §1.116) (along with any documents referred to as attached or enclosed) is being factimile transmitted to the United States Patent and Trademark Office (Fax No. 571-273-8300) on November 9, 2005.

NOV 9 2005

Date

Ronald C. Fedus Reg. No. 32,567

Amendments to the Specification and the Claims are reflected in the listing of claims which begins on page 3 of this paper. A new Abstract Of The Disclosure is also reflected in Exhibit B to this paper.

Remarks begin on page 148 of this paper.